

Title (en)

SALMONELLA SECRETED PROTEINS AND USES THEREOF

Title (de)

SALMONELLA SEKRETIERTE PROTEINE UND VERWENDUNG DAVON

Title (fr)

PROTEINES SECRETEES PAR LA SALMONELLE ET UTILISATIONS DE CES PROTEINES

Publication

**EP 0939761 A4 20020731 (EN)**

Application

**EP 96940523 A 19961114**

Priority

- US 9618504 W 19961114
- US 673395 P 19951114

Abstract (en)

[origin: WO9718225A1] Substantially pure Salmonella secreted proteins (Ssp), the secretion of which is dependent upon the expression of PrgH; methods of diagnosing Salmonella infection; and live attenuated vaccine strains in which Ssp secretion is decreased.

IPC 1-7

**C07H 19/00**; **C07H 21/00**; **C07H 21/04**; **C12N 1/21**; **C12Q 1/02**; **C12Q 1/10**; **C12Q 1/18**; **C12Q 1/24**; **G01N 33/569**

IPC 8 full level

**C07K 14/255** (2006.01); **C12N 1/21** (2006.01); **A61K 38/00** (2006.01); **A61K 39/00** (2006.01)

CPC (source: EP US)

**C07K 14/255** (2013.01 - EP); **A61K 38/00** (2013.01 - EP); **A61K 39/00** (2013.01 - EP US); **Y02A 50/30** (2018.01 - EP)

Citation (search report)

- [XY] KANIGA KONE ET AL: "Homologs of the Shigella lpaB and lpaC invasins are required for Salmonella typhimurium entry into cultured epithelial cells.", JOURNAL OF BACTERIOLOGY, vol. 177, no. 14, 1995, pages 3965 - 3971, XP002188881, ISSN: 0021-9193 & DATABASE EMBL 6 September 1995 (1995-09-06), KANIGA K ET AL: "Homologs of the Shigella lpaB and lpaC invasins are required for Salmonella typhimurium entry into cultured epithelial cells."
- [XY] HERMANT DANIEL ET AL: "Functional conservation of the Salmonella and Shigella effectors of entry into epithelial cells.", MOLECULAR MICROBIOLOGY, vol. 17, no. 4, 1995, pages 781 - 789, XP001055768, ISSN: 0950-382X & DATABASE EMBL 4 October 1995 (1995-10-04), HERMANT D ET AL: "Functional conservation of the Salmonella and Shigella effectors of entry into epithelial cells."
- [Y] PEGUES DAVID A ET AL: "PhoP/PhoQ transcriptional repression of Salmonella typhimurium invasion genes: Evidence for a role in protein secretion.", MOLECULAR MICROBIOLOGY, vol. 17, no. 1, 1995, pages 169 - 181, XP001034139, ISSN: 0950-382X
- See also references of WO 9718225A1

Designated contracting state (EPC)

DE FR GB

DOCDB simple family (publication)

**WO 9718225 A1 19970522**; AU 7738396 A 19970605; CA 2237581 A1 19970522; EP 0939761 A1 19990908; EP 0939761 A4 20020731

DOCDB simple family (application)

**US 9618504 W 19961114**; AU 7738396 A 19961114; CA 2237581 A 19961114; EP 96940523 A 19961114